

b.) Amendments to the Specification

Please amend the specification as follows (page and line numbers refer to the enclosed English language version of the application):

- At page 1, line 4, please delete
“Description” and insert therefore:

--Field of the Invention--

- At page 1, line 9, please insert:

--Description of the Background--

- At page 4, line 21, please insert:

--Summary of the Invention--

- At page 5, line 8, please insert:

--Other embodiments and advantages of the invention are set forth in part in the description, which follows, and in part, may be obvious from this description, or may be learned from the practice of the invention.

Description of the Figures

Figure 1. Schematic diagram of one embodiment of the analytical process.

Figure 2. Total ion chromatograph (TIC) of an MRM + full scan analysis TIC: from Sample 2 (QC 1) of LCMS04_020207_0F1.wiff.

Figure 3. Total ion chromatograph (TIC) of the MRM experiment from an MRM + FS analysis TIC of +MRM (30 pairs): Experiment 1 from Sample 2 (QC 1) of LCMS04_020207_0F1.wiff.

Figure 4. Total ion chromatograph (TIC) of the MRM experiment from an MRM + FS analysis XIC of +MRM (30 pairs): Experiment 1; 536.4/69.0 amu from Sample 2 (QC 1) of LCMS04_020207_0F1.wiff.

Figure 5. TIC of the FS experiment (TIC of +Q3: Experiment 2 from Sample 2 (QC 1) of LCMS04_020207_0F1.wiff).

Figure 6. TIC of the FS experiment (TIC of +Q3: Experiment 2 from Sample 2 (QC 1) of LCMS04_020207_0F1.wiff).

Figure 7. TIC of the FS experiment (+Q3: Experiment 2 from Sample 2; 1.491 to 2.004 min from Sample 2 (QC 1) of LCMS04_020207_0F1.wiff).

Figure 8. Total ion chromatography (TIC) of MRM experiment; TIC of MRM (36 pairs): Experiment 1 from Sample 2 (Kalibmix-lip-14.08.2002-14) of LCMS02_020814_0F3.wiff).

Figure 9. Extracted chromatograph from m/z transition 863.7 to 197 (coenzyme Q10) TIC of MRM (36 pairs): Experiment 1; 863.7/197.0 amu from Sample 2 (Kalibmix-lip-14.08.2002-14) of LCMS02_020814_0F3.wiff).

Figure 10. Extracted chromatograph from m/z transition 585.4 to 109.1 (capsanthin) TIC of MRM (36 pairs): Experiment 1; 585.4/109.1 amu from Sample 2 (Kalibmix-lip-14.08.2002-14) of LCMS02_020814_0F3.wiff).

Figure 11. Extracted chromatograph from m/z transition 395.1 to 91.1 (bixin) TIC of MRM (36 pairs): Experiment 1; 395.1/91.1 amu from Sample 2 (Kalibmix-lip-14.08.2002-14) of LCMS02_020814_0F3.wiff).

Figure 12. Total ion chromatograph (TIC) of FS experiment TIC of +Q3: Experiment 2 from Sample 4 [LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02_020814_0F3.wiff].

Figure 13. Extracted chromatograph from signal m/z transition 518.4 (metanomics analyte 600000038) XIC of +Q3: Experiment 2; 518.4 amu from Sample 4 [LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02_020814_0F3.wiff].

Figure 14. Extracted chromatograph from signal m/z transition 609.2 (metanomics analyte 600000049) XIC of +Q3: Experiment 2; 609.2 amu from Sample 4 [LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02_020814_0F3.wiff].

Figure 15. Extracted chromatograph from signal m/z 210.0 (metanomics analyte 6000000007) XIC of +Q3: Experiment 2; 210.0 amu from Sample 4 [LC-L1HA-lip-12.08.2002-(84)-676735 of LCMS02_020814_0F3.wiff].

Description of the Invention--

- At page 15, line 3, please insert:

--The following examples illustrate embodiments of the invention, but should not be viewed as limiting the scope of the invention.--

- At page 16, line 26, please insert:

--Other embodiments and advantages of the invention are set forth in part in the description, which follows, and in part, may be obvious from this description, or may be learned from the practice of the invention. All references cited herein, including all U.S. and foreign patents and patent applications, and all publications or other documentary materials, are specifically and entirely hereby incorporated herein by reference. It is intended that the specification and examples be considered exemplary only, with the true scope and spirit of the invention indicated by the following claims.--